

20010228.qrp v02_n112.qrl.20010228

Date: Wed, 28 Feb 2001 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2112

QRP-L Digest 2112

Topics covered in this issue include:

- 1) [92810] RE: rf burns, Bruce
by "T.W." <wb5qyt@abq.com>
- 2) [92811] Re: RF burns function of where you grabbed!
by Pete Burbank <plburbank@kih.net>
- 3) [92812] RE: Short / mobile 40 antenna
by Nick Kennedy <nkennedy@tcainet.net>
- 4) [92813] OT: email to Bruce Rattray
by John Wagner <john@neknetwork.com>
- 5) [92814] FS heath
by paul taylor <ptay1@bestweb.net>
- 6) [92815] OT-PC to PC Network Help Needed
by David Shalita <davidr@cnmnetwork.com>
- 7) [92816] SA602AN
by "Larry Przyborowski" <k3peg@yahoo.com>
- 8) [92817] QRP Frequency Calling?
by wb2vuo@juno.com
- 9) [92818] Fox: Fox Hunt #37 Log... Finally :)
by Thomas Jennings <jennings@eznet.net>
- 10) [92819] FOX Where did he go???
- by "Karl F. Larsen" <k5di@zianet.com>
- 11) [92820] Fw: Re: 80-meter activity
by Walter D Amos <walt_amos@juno.com>
- 12) [92821] FOX N5IB Found!
by "Karl F. Larsen" <k5di@zianet.com>
- 13) [92822] Re: Fox: Fox Hunt #37 Log... Finally :)
by "Karl F. Larsen" <k5di@zianet.com>
- 14) [92823] no id?
by "T.W." <wb5qyt@abq.com>
- 15) [92824] Nabbed Fox at 03:26z
by Fred Lesnick <flesnick@tbaytel.net>
- 16) [92825] Re: SA602AN
by "Phil (VA3UX)" <phil@vaxxine.com>
- 17) [92826] looking for a qrp 20-Meter built kit or MFJ
by RangerSF5@aol.com
- 18) [92827] QRP Most Used Parts - one more time
by Dan Reynolds <bcdlr@yahoo.com>
- 19) [92828] Checking the station ground

- by RangerSF5@aol.com
- 20) [92829] Re: Nabbed Fox at 03:26z
by Bruce Ratray <ratray@gpfn.sk.ca>
 - 21) [92830] Re: Nabbed Fox at 03:26z
by Earl Murphy <earlmurf@telusplanet.net>
 - 22) [92831] Re: Nabbed Fox at 03:26z
by Bruce Ratray <ratray@gpfn.sk.ca>
 - 23) [92832] Re: RF burns function of where you grabbed!
by Russ Dow <n7dw@pacbell.net>
 - 24) [92833] FOX - Mardis Gras Fox done for 2001 - Lent begins
by n5ib@juno.com
 - 25) [92834] Re: Nabbed Fox at 03:26z
by Pete Burbank <plburbank@kih.net>
 - 26) [92835] Wasn't QRP but.....
by RangerSF5@aol.com
 - 27) [92836] FOX - first log for N5IB (Feb 28 UTC)
by n5ib@juno.com
 - 28) [92837] PSK31 Beacon Kit - Photos
by "George Heron N2APB" <n2apb@erols.com>
 - 29) [92838] Re: QRP Most Used Parts - one more time
by "Donny Sirait" <dsirait@centrin.net.id>
 - 30) [92839] Help needed to repair my TS130 & tip top electronics
by "Donny Sirait" <dsirait@centrin.net.id>
 - 31) [92840] Re: SA602AN
by "Leon Heller" <leon_heller@hotmail.com>
 - 32) [92841] Elecraft For Sale - Pristine
by Joseph M Grib <ki3b@juno.com>
 - 33) [92842] Re: QRP Most Used Parts - one more time
by Bruce Muscolino <w6toy@erols.com>
 - 34) [92843] MFJ 58XX HF SWR Analyser
by "Karl F. Larsen" <k5di@zianet.com>
 - 35) [92844] Re: QRP Frequency Calling?
by "Brian" <bmurrey@amexol.net>
 - 36) [92845] Re: QRP Most Used Parts - one more time
by "Brian" <bmurrey@amexol.net>
 - 37) [92846] Re: email to Bruce Ratray
by "Dave Marling" <dbm@klis.com>
 - 38) [92847] Suggestions on learning Morse code
by Mark Janzer <mjanzer@wsbc.com>
 - 39) [92848] RE: QRP Most Used Parts - one more time
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
 - 40) [92849] RE: QRP Most Used Parts - one more time
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
 - 41) [92850] FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
 - 42) [92851] Re: QRP Most Used Parts - one more time
by "Lau, Zack, W1VT" <zlau@arrl.org>
 - 43) [92852] Re: QRP Most Used Parts - one more time

by Rick Robinson <rerobins@email.uncc.edu>
44) [92853] Re: QRP Most Used Parts - one more time
by Bruce Muscolino <w6toy@erols.com>
45) [92854] FP Truffle tomorrow!
by John Wagner <john@neknetwork.com>
46) [92855] Re: Nabbed Fox at 03:26z
by Bruce Rattray <rattray@gpfn.sk.ca>
47) [92856] Fox: Got my pelt...
by Thomas Jennings <jennings@shell1.eznet.net>
48) [92857] Re: Help needed to repair my TS130 & tip top electronics
by Pete Burbank <plburbank@kih.net>
49) [92858] Re: no id?
by Pete Burbank <plburbank@kih.net>
50) [92859] thanks a million everyone!
by Bruce Rattray <rattray@gpfn.sk.ca>
51) [92860] Fw: Mug Shot
by "Jay Bromley" <w5jay@alltel.net>
52) [92861] W5JAYBOB pics
by "Doug Hendricks" <ki6ds@dph.dpol.net>
53) [92862] OT: Laptop Repair?
by Paul Maciel <pmaciel@inow.com>
54) [92863] QRP Parts & A Junk Box
by "Doug Hendricks" <ki6ds@dph.dpol.net>
55) [92864] RE: Laptop Repair?
by <schoon@amgt.com>
56) [92865] Re: RF burns function of where you grabbed!
by "Ron, KU7Y" <ku7y@qsl.net>
57) [92866] ARRL DX CW LOG (milliwatts)
by Jim Hale <kj5tf@yahoo.com>
58) [92867] Re: QRP Most Used Parts - one more time
by Mighty Mik <mightymik2@home.com>
59) [92868] Some part recommendations for your junk box
by "Brian" <bmurrey@amexol.net>
60) [92869] OT: ATAS-100 and Screwdrivers used as base antennas
by "Bill Acito" <w1pa@hotmail.com>
61) [92870] more RF hazard stuff
by Pete Burbank <plburbank@kih.net>
62) [92871] Re: W5JAYBOB pics
by "Jay Bromley" <w5jay@alltel.net>
63) [92872] MOBILE
by DONALD DORN <DDORN@CWIS.NET>
64) [92873] low-current audio amp
by Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
65) [92874] 2001 ARRL DX CW LOG (milliwatts) Up-date
by Jim Hale <kj5tf@yahoo.com>
66) [92875] Re: low-current audio amp
by "Russ Hines" <radioruss@fuse.net>
67) [92876] Wanted...memory keyer

- by Mark R Milburn <kq0i@juno.com>
- 68) [92877] Re: low-current audio amp
by "Russ Hines" <radioruss@fuse.net>
- 69) [92878] RE: Suggestions on learning Morse code
by "KD4W0V Tom Tishken" <kd4wov@earthlink.net>
- 70) [92879] Re: low-current audio amp
by Pete Burbank <plburbank@kih.net>
- 71) [92880] RE: low-current audio amp
by "AI2Q Alex" <ai2q@adelphia.net>
- 72) [92881] OT: Amateur Radio - Earthquake Seattle, WA
by "Charles Mabbott" <crmabbott@mediaone.net>
- 73) [92882] Re: Wanted...memory keyer
by "Chuck Carpenter" <w5usj@globeco.net>
- 74) [92883] Re: OT: Amateur Radio - Earthquake Seattle, WA
by "laura halliday" <marsgal42@hotmail.com>
- 75) [92884] Re: [92734] Re: 4Q2LID???
- by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 76) [92885] Miles per watt QRPP records listed by band
by Jim Hale <kj5tf@yahoo.com>
- 77) [92886] Parts Sources
by Ken Brown <n4so@juno.com>
- 78) [92887] FS - Computer memory, MMX CPU, etc.
by Larry East <w1hue@amsat.org>

Date: Tue, 27 Feb 2001 16:43:46 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [92810] RE: rf burns, Bruce
Message-ID: <MABBIKAEJKMHLIDDMCKAEPJCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Years ago I built a homebrew 160 meter mobile antenna. Had a top hat above the coil that was made of 6- 1' dia. brass welding rods. The hat was just barely over the top of my fiberglass camper shell. After using this setup for awhile, I went up to check the coil and noticed some holes in the top of my shell! Yep, the rf punched a few holes in the fiberglass! Better the top of the shell than my pinky!

Bruce, were pullin' for ya and wish you all the best....Will say a couple of prayers tonight.

72, Tom WB5QYT.."Have spud will travel!"

Date: Tue, 27 Feb 2001 19:28:07 -0500
From: Pete Burbank <plburbank@kih.net>
To: crooke@prodigy.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92811] Re: RF burns function of where you grabbed!
Message-ID: <5.0.2.1.0.20010227191950.00a748b0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This thread is hilarious....the RF really does leave a hole on the way in
and the way
out! My worst experience was off the plate cap of a 6146B. YOW!!
You are right about the Guardian Angels:-)
73 Pete NV4V

>'ll bet almost every ham that was a teenage novice without an Elmer
>standing over us did something similiar. I know I and a friend that got
>licensed at the same time in '69 learned the hard way about RF! There have
>to be Guardian Angels :-)
>
>72 es oo's Jim KJ0C
>Healer of Brachycephalics and other fine looking creatures in Springfield,
>MO
>QRP-L # 2100, SOC # 37, #-108 and semi-official vet of the Flying Pigs
>QRP, member of the Night Owl Fox Hunters

Date: Tue, 27 Feb 2001 18:48:23 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'tracy@bytemark.com'" <tracy@bytemark.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [92812] RE: Short / mobile 40 antenna
Message-ID: <01C0A0ED.DCF65B80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Let's see. I have a formula for resistance and reactance of short
verticals I found on the web once. For an 8 foot whip, 3/8 inch diameter

on 7050, I come up with ...

Radiation Resistance: 2.48 ohms (looks like 16 to 1 would be better than 4:1, eh?)

Capacitive reactance: 724 ohms

Inductance to cancel above: 16.35 uH

There are a number of shareware programs out there you could use to validate this--

Reg Edward's (G4FGQ) has a web site with free software doing all kinds of calcs like this.

<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>

Then, ELNEC is the shareware "try out" version of Roy Lewallen's EZNEC. It does more than you want, because it is mainly concerned with showing you the radiation patterns, but it does also give feedpoint impedance.

Like a lot of guys, when I find a good formula, I build it into an Excel spreadsheet with all my other ham calculations. I'll run down the actual formula described in the original poster's message and send it along if you'd like.

Of course, the calculation probably assumes perfect ground, so your imperfect car body will skew things some--but it oughta get you in the ballpark.

Sounds like fun. Hope to be where you are in the near future. Mobile CW is my goal!

72--Nick, WA5BDU

-----Original Message-----

From: Tracy [SMTP:tracy@bytemark.com]

Sent: Monday, February 26, 2001 10:16 PM

To: Low Power Amateur Radio Discussion

Subject: Short / mobile 40 antenna

Has anyone used a regular 8 ft whip with a transformer to run 40 in a mobile?

I was thinking of using a 4:1 unun (50:12.5 ohms, since I have one sitting here :)) and a loading coil to feed an 8 ft whip on the car. Yeah, I know center and top loading is better, but bottom loading is possible ... what I don't know is how to figure what inductance I need at the coil, and if I should use a capacitor as well to make the unit match and even radiate a bit.

Can one of you antenna-inclined fella's shoot this full of holes?

Thanks...

Tracy N4LGH

Date: Tue, 27 Feb 2001 19:49:41 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92813] OT: email to Bruce Rattray
Message-ID: <3A9C4B25.D83DB188@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Excuse the OT nature of this email, please email any responses to me directly and I'll post a summary to the list if warranted.

I've been trying to email Bruce Rattray, VE5RC and send my best wishes to him on his upcoming surgery. [that and a minor rib about being the only fully hairless hound chasing foxii]

Anyway, my emails keep bouncing with an SMTP error.

Please, if you have a good email address for him or will see Bruce, send along my very best wishes to him for a successful surgery and speedy recovery.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 26 Feb 2001 19:55:44 -0800
From: paul taylor <ptay1@bestweb.net>
To: qrp-l@LEHIGH.edu
Subject: [92814] FS heath
Message-ID: <3.0.32.20010226195541.0069b018@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hw8 100 + sh

umatic memory keyer 75

pse reply off list

Date: Tue, 27 Feb 2001 17:24:53 -0800
From: David Shalita <davidr@cnmnetwork.com>
To: qrp-l@lehigh.edu
Subject: [92815] OT-PC to PC Network Help Needed
Message-ID: <3A9C5364.C2E5CFDF@cnmnetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My question is not QRP related but I surely could use some help.

I am attempting to connect a Laptop and A Desktop PC together to form a Network using a Direct Cable Connect through the Parallel LPT1 port with WIN98. When both say "connected" the Network will not operate. I wonder if there is any QRP-L person who could possibly assist?

Please reply direct to me to limit off topic BW. I can describe exactly what I have done to date. So close but I am stumped.

Thank you.
73, W6MIK, Dave

Date: Tue, 27 Feb 2001 21:11:34 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [92816] SA602AN
Message-ID: <014201c0a12b\$c6fe63c0\$b585accf@master>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Radio Shack has them in stock! The manufacturer is Anthem Electronic. Inc. Price is \$2.97 each. Click on the link below.

www.radioshack.com and then enter SA602AN in the "Search" window.

72 de Larry K3PEG

And No, I don't work for Radio Shack.

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 27 Feb 2001 21:12:20 -0500
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [92817] QRP Frequency Calling?
Message-ID: <20010227.211223.-390571.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am sure others are hearing this:

VVV DE QRP FREQ VVV VVV

every minute on 7.0397

It's 579 in the Depths of the Great Bergen Swamp here in western NY

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 27 Feb 2001 21:36:38 -0500
From: Thomas Jennings <jennings@eznet.net>

To: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>

Subject: [92818] Fox: Fox Hunt #37 Log... Finally :)

Message-ID: <3A9C6436.A60A8D6A@eznet.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hey Hounds,

Finally got the log put in a format for your inspection.

Hope everything is ok.

The hunt was fun and a very busy one. You all behaved very well

The only hard part of the hunt was in the last hour or so.

Y'all were there but very weak I would be able to catch

the frirst few letters of a call but then it would just blend in

with everyone else calling and as a result didn't get anything.

I tallied 107 pelts's (personal best) with 4 dups so that is 103 pelts
given

out. I want to thank KE1LA for letting me sub for him.

Time to go and get a Mardi Gras Pelt!!

So here is the log:

Time	Call	RPT	SPC	Name	PWR
200	W0PWE	559	IA	JER	5W
202	N0UR	559	MN	JIM	5W
203	K5AAR	559	OK	DON	5W
204	WE9K	559	WI	GLENN	5W
205	WV9N	559	OH	RANDY	5W
206	N1LN	559	TX	BRUCE	5W
207	WA9TZE	559	WI	JIM	5W
208	W2XN	559	FL	FLOYD	5W
208	N5ET	559	TX	BOB	5W
209	N4ROA	559	VA	DAN	4W
210	KK5LD	559	TX	DAN	5W
211	N9AW	559	WI	JERRY	5W
212	W9XU	559	WI	LON	5W
212	WB8ICN	599	MI	KEN	5W
214	KQ5U	559	TX	TERRY	5W
215	W3PNL	559	PA	JOE	3W
216	K3IUJ	579	PA	KEN	5W
217	KC1FB	559	CT	JIM	5W
218	W3ERV	559	MD	BILL	5W
218	KB9BVN	559	IN	BRIAN	5W
218	N0AR	559	MN	SCOTT	5W
220	N10DL	559	NH	ARRON	5W
221	N5TW	5NN	TX	TOM	5W
222	K0MP	559	CO	BILL	5W
223	WS4S	559	TN	CONARD	5W
225	W5SB	559	TX	BILL	5W

225	K5VUU	559	TX	ED	5W
229	AA2PF	559	NY	DAVE	5W
230	K4FB	559	FL	PAUL	5W
231	K5ZTY	559	TX	BILL	5W
233	K5LN	559	TX	BILL	5W
235	N40T	579	VA	ANDY	5W
235	K9IS	599	WI	STEVE	5W
236	K0EVZ	549	ND	DOC	5W
237	NV4V	559	KY	PETE	5W
238	N8VAR	559	OH	RON	5W
239	N1FN	559	CO	ET	5W
240	N5IW	599	TX	DAVE	5W
241	N2WW	559	CO	LARRY	5W
242	K0FRP	559	CO	AL	5W
244	K4BYF	559	FL	JACK	5W
244	AF4PS	579	FL	MAC	4W
246	KB1ENS	559	VT	JOHN	5W
247	W5YR	559	TX	GEORGE	5W
248	WY1W	569	CT	BRUCE	2W
249	N3AO	599	PA	CARTER	5W
250	NK9G	559	WI	RICK	5W
252	KI0II	559	CO	RON	5W
253	N5UW	559	OK	CLIF	5W
254	N5GJQ	559	LA	MIKE	5W
255	W8RU	599	MI	RON	5W
257	N1TP	599	FL	TOM	5W
258	K5E0A	559	LA	WAYNE	5W
259	W0UFO	559	MN	BILL	5W
300	KB1BDW	559	VT	BOB	5W
300	AC5JH	559	OK	TOM	5W
302	W0CH	559	MO	DAVE	5W
302	K3NG	599	PA	JODY	5W
303	VA6RF	559	AB	EARL	5W
305	AF4LQ	579	KY	MIKE	5W
306	N5EN	559	TX	STEVE	5W
307	K10J	559	TX	OJ	5W
308	NK7M	449	AZ	BOB	5W
309	AA0ZZ	559	MN	CRAIG	5W
309	K4ADI	559	SC	FRANK	5W
311	NQ7X	559	AZ	FLOYD	5W
312	W3SMK	559	NJ	STEVE	5W
312	W5YA	559	NM	FRED	5W
313	W5USJ	559	TX	CHUCK	3W
314	K4TJD	559	GA	TOM	5W
316	N4SO	559	AL	KEN	5W
317	K5JHP	559	TX	BILL	5W
318	W9XT	559	WI	GARY	5W
318	W9HL	579	IL	RANDY	5W

320	W0RSP	559	SD	ADE	2W
321	K4LKL	559	FL	ED	5W
322	WA5JOE	559	TX	DANNY	5W
324	W5HNS	559	TX	HENRY	5W
326	W5SB	559	TX	BILL	5W
327	NV8X	559	OH	JESSE	5W
328	N0TU	559	CO	STEVE	5W
329	W5TB	559	TX	DOC	5W
331	K5JHP	559	TX	BILL	5W
331	N4VM	559	TN	BRYN	5W
332	K5AEO	559	TX	JOHN	5W
334	WU9F	559	WI	TERRY	5W
335	K0PC	559	MN	PAT	5W
336	WA5REJ	559	TX	ADE	5W
338	WA8BXN	589	OH	MIKE	5W
339	K7FD	559	OR	JOHN	5W
340	VE3FAL	559	ONT	FRED	5W
342	N0DSP	559	CO	TOM	5W
343	VE6EX	559	AB	DAN	5W
344	N8IE	559	OH	DAN	5W
346	WE9K	599	WI	GLENN	200MW
347	K0PC	559	MN	PAT	5W
348	W0JOE	559	MO	JOE	5W
350	KB7WW	559	OR	ART	5W
351	WB90FG	569	IN	JOHN	5W
352	AA7Q	559	AZ	BOB	1W
354	NF0R	569	MO	DAVE	4W
356	K5DW	559	TX	DON	5W
357	WA7TQ	559	ID	BILL	5W
359	NC90	559	IL	SKIP	2W
359	WB8WTU	559	OH	DENNIS	5W
400	KV2X	559	NY	TOM	5W

Date: Tue, 27 Feb 2001 19:41:19 -0700 (MST)
 From: "Karl F. Larsen" <k5di@zianet.com>
 To: <qrp-l@lehigh.edu>
 Subject: [92819] FOX Where did he go???
 Message-ID: <Pine.LNX.4.31.0102271937560.1011-100000@cannac.ampr.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Gads I thought I had N5IB 5 times on my receiver but every time he moved! He went up and then down and then god only knows where. I last heard him at 7042.1 I *THINK* and then he faded out. Will try again in 30 minutes and see if he is back, but with A=15 I think he's dead...

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 30 Jan 2001 20:16:11 GMT
From: Walter D Amos <walt_amos@juno.com>
To: qrp-l@lehigh.edu
Subject: [92820] Fw: Re: 80-meter activity
Message-ID: <20010227.214557.-84097.0.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

qrp-l folks:

I too have trouble with the " PESKY" cable jacks here in Royal Oak and the cable co. has also gone to AT&T from Comcast. Radio Shack also sells the darn things along with others.

Walt K8CV

----- Forwarded message -----
From: Thomas Kuehl <ac7a@gci-net.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Tue, 30 Jan 2001 06:30:32 -0700
Subject: Re: 80-meter activity
Message-ID: <3A76C1F8.5383B64E@gci-net.com>
References: <3A7574B5.53E5@erols.com>

Hello Joe,

I use to operate 80 CW often using both QRP and somewhat higher power.
But
for the past several years the band has been plagued by interference from those wireless phone jacks making use of the lower 50 KHz pretty rough. I have had some 80 meter op's tell me that is the reason why they too seldom
use the band anymore.

My efforts to resolve this problem with the local cable company who installed the jacks hasn't gone well. Since they took over for another company, they don't even know where all the jacks are installed!

Your idea for an annual 80 meter, 160-like contest sounds like a winner.
Maybe I'll drop the ARRL a note as well.

Regards, Thomas - AC7A (Tucson)

Joseph Mikuckis wrote:

> There have been numerous postings complaining about a sharp drop of
> activity on 80 meters. This concurs with my own observation. One
> solution would be for ARRL to sponsor an exclusive "80-meter" contest,
> just like they do for 160 meters. I, for one, intend to pass this idea
> to ARRL. What do you think?
>
> Joe, K3CHP
> Riverdale, MD

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 27 Feb 2001 19:51:37 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [92821] FOX N5IB Found!
Message-ID: <Pine.LNX.4.31.0102271950140.1166-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Went back and found Joe 559 on 7043.0 and worked him. He is
listening down from there.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 27 Feb 2001 19:54:14 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Thomas Jennings <jennings@eznet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92822] Re: Fox: Fox Hunt #37 Log... Finally :)
Message-ID: <Pine.LNX.4.31.0102271952240.1166-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was sure you got my call but I never heard a TU so I guess QRM
or QRN wiped out my return to your call. Sorry but thats the way it works.
You sure held us in suspense....:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 27 Feb 2001 20:07:35 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [92823] no id?
Message-ID: <MABBIKAEJKMHLIDDGMCKGEPLCEAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

A few minutes before fox hunting time, I also hear VVV de QRP FREQ., sent
several times. The guy would never id either.....He was 579 into NM.

Heard the fox, but no pelt for me.

72, Tom WB5QYT..."Have spud will travel!"

Date: Tue, 27 Feb 2001 22:29:51 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Bruce Rattray
<rattray@gpfn.sk.ca>, NA6E <na6e@qsl.net>, Robert Young <jaznet2k@hotmail.com>,
Fred Lesnick <flesnick@tbaytel.net>, Earl Murphy <earlmurf@telusplanet.net>
Subject: [92824] Nabbed Fox at 03:26z
Message-ID: <3A9C70AF.C2714D02@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well grabbed the Fox tonight, sounds like the band is still busy....Bruce , this one was for you and the Raiders...

Fred
VE3FAL

Date: Tue, 27 Feb 2001 22:25:33 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-1@Lehigh.EDU
Subject: [92825] Re: SA602AN
Message-ID: <3.0.5.32.20010227222533.007ac2e0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can the SA602 be used as a direct replacement for the NE602 ??

Thanks

Phil

At 09:11 PM 2/27/2001 -0500, you wrote:

>Gang,
>
>Radio Shack has them in stock! The manufacturer is Anthem Electronic. Inc.
>Price is \$2.97 each. Click on the link below.
>
>www.radioshack.com and then enter SA602AN in the "Search" window.
>
>72 de Larry K3PEG
>
>And No, I don't work for Radio Shack.
>
>
>
>-----
>Do You Yahoo!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>
>
>
>

Date: Tue, 27 Feb 2001 22:30:23 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [92826] looking for a qrp 20-Meter built kit or MFJ
Message-ID: <fb.12396110.27cdcacf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I'm posting this for another ham.
He's looking for a RH-20, an RH 40, A MFJ for 20-M.
Also will consider a NC 40-A.
He
is a disabled VET and can't build.
He's wanting only one of the rigs listed above and the MFJ on 20-M is first
priority and the later VER #5.
Please E mail to me and i'll pass the info along.
Thanks & 72/73
Bob
WA2HOQrp <tm>

Date: Tue, 27 Feb 2001 19:42:42 -0800 (PST)
From: Dan Reynolds <bcdlr@yahoo.com>
To: qrp-l mail list <qrp-l@lehigh.edu>
Subject: [92827] QRP Most Used Parts - one more time
Message-ID: <20010228034242.18056.qmail@web2303.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What I am really looking for...
Several years ago on qrp-l there was a text file that listed all of the most
popular qrp parts for home brewing / building. Does anybody know where that
text file is or have a copy still? Has it been updated lately? It's been at
least five-six years ago... I nosed around on the web page but couldn't find
anything.

Dan Reynolds KB9JLO

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Tue, 27 Feb 2001 22:46:20 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Cc: antennas@qth.net
Subject: [92828] Checking the station ground
Message-ID: <fb.12396114.27cdce8c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Some time ago I read on someones site that by using tin foil and making some sort of loop then connecting it to the station ground,
You would be able to tell if you had a good ground by looking at the SWR meter.
I think if there were no changes then you were OK.
The above info I ead over a year ago and may not be correct as far as making the loop .
Can anyone shed some light on this?
Thanks
Bob
WA2HOQrp <tm> He who fails to prepare for the night, fails to prepare for the dawn

Date: Tue, 27 Feb 2001 21:48:53 -0600 (CST)
From: Bruce Rattray <ratttray@gpfn.sk.ca>
To: Fred Lesnick <flesnick@tbaytel.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, NA6E <na6e@qsl.net>, Robert Young <jaznet2k@hotmail.com>, Earl Murphy <earlmurf@telusplanet.net>
Subject: [92829] Re: Nabbed Fox at 03:26z
Message-ID: <Pine.LNX.3.95.1010227214429.6736F-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Way to go Fred!....much appreciated.....it's just past 9:30pm and Bonnie has returned home....Friday morning's approaching for sure when the moment will come and I'll go off to sleepy-land....but the Lord willin' and the creek don't rise, I'll come through 100% and you'll hear "DAH" happy paddler once again....GO RAIDERS!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Tue, 27 Feb 2001, Fred Lesnick wrote:

> Well grabbed the Fox tonight, sounds like the band is still
> busy....Bruce , this one was for you and the Raiders...
>
> Fred
> VE3FAL
>

Date: Tue, 27 Feb 2001 20:48:02 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: flesnick@tbaytel.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Bruce Rattray
<rattray@gpfn.sk.ca>, NA6E <na6e@qsl.net>, Robert Young <jaznet2k@hotmail.com>
Subject: [92830] Re: Nabbed Fox at 03:26z
Message-ID: <3A9C66E2.E774486@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FINE FORM FRED as Bruce would say.....Even heard out here nab that
critter....It was a tough one for me but it was also for
Bruce.....Missed that burning sig from Sask.....hope the rest got a bite
on the fox as well.

72.....And get well soon Bruce.....Earl

Fred Lesnick wrote:

> Well grabbed the Fox tonight, sounds like the band is still
> busy....Bruce , this one was for you and the Raiders...
>
> Fred
> VE3FAL

Date: Tue, 27 Feb 2001 21:50:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Earl Murphy <earlmurf@telusplanet.net>
Cc: flesnick@tbaytel.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
NA6E <na6e@qsl.net>, Robert Young <jaznet2k@hotmail.com>
Subject: [92831] Re: Nabbed Fox at 03:26z
Message-ID: <Pine.LNX.3.95.1010227215009.6736H-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll give it my best shot Earl!.....GOOD FORM everyone!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Tue, 27 Feb 2001, Earl Murphy wrote:

> FINE FORM FRED as Bruce would say.....Even heard out here nab that
> critter....It was a tough one for me but it was also for
> Bruce.....Missed that burning sig from Sask.....hope the rest got a bite
> on the fox as well.
>
> 72.....And get well soon Bruce.....Earl
>
> Fred Lesnick wrote:
>
> > Well grabbed the Fox tonight, sounds like the band is still
> > busy....Bruce , this one was for you and the Raiders...
> >
> > Fred
> > VE3FAL
>

Date: Tue, 27 Feb 2001 19:54:20 -0800
From: Russ Dow <n7dw@pacbell.net>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92832] Re: RF burns function of where you grabbed!
Message-ID: <3A9C766C.FD013573@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Pete and the gang,

It's hilarious as long as we don't get seriously injured or killed.
Folks, those RF burns can be painful and they heal very slowly.

Yep, I've done it too. My Elmer wasn't there, but my Guardian Angel just may
have been. Others have suffered far worse, but here's my 1.5 cents...

Back in '69 I was in Germany with the Army. I had just received a German call
(as DL4DW, so now you know where N7DW came from) and I was building that HW-100

I mentioned in the RG-174 thread. The one with the phono antenna connector.

I took a hit from the plate voltage, about 700 or 800 volts DC as I recall. I knew better, but I had the cover off the RF cage with the power on (not transmitting) and I was adjusting something with a screwdriver while watching the effects on a meter. The screwdriver slipped, and instantly my hand came in contact with the shaft as it came in contact with the HV. ZAP! Shafted! I got a jolt I'll never forget, found myself several feet back from where I had been standing, and got a smelly little burn on my finger that took several months to heal.

All it takes to avoid this is knowledge, caution, and good sense. I got impatient, ignored the latter two, and fortunately I'm still amongst the living.

73,
Russ N7DW

Pete Burbank wrote:

> This thread is hilarious....the RF really does leave a hole on the way in
> and the way
> out! My worst experience was off the plate cap of a 6146B. YOW!!
> You are right about the Guardian Angels:-)
> 73 Pete NV4V
>

Date: Tue, 27 Feb 2001 23:18:37 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [92833] FOX - Mardis Gras Fox done for 2001 - Lent begins
Message-ID: <20010227.221520.4655.0.n5ib@juno.com>

Gang, it had been a year since my last run and I had forgotten what a rush this is. I'm sure you heard the tremble in the key at times - and it wasn't all medical :^)) The band seemed to pack it in during the second hour. Signals were fewer and weaker. Had to ask for fills a bunch. Storms approaching the area caused static crashes as well.

You hounds were great, even though I worked a lot close to my frequency. Elecraft folks, the K-2 was great. Cajun Thunder, my teammates, I have 3 of you in the log, plus me. Many thanks to the Foxhunt committee for giving me the chance to make the run, especially since I had to give up my earlier session.

My goal was to give out 90 pelts. The count looks like 95, but I fear there may be a couple or more dupes, so my goal may or may not be reached. The ole J-38 is still smokin', hasn't had a workout like that in years.

The adrenaline is still pumping, so I may work on the log some tonight. Hope to have it out tomorrow.

72
Jim N5IB
The Mardis Gras Fox

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 27 Feb 2001 23:36:09 -0500
From: Pete Burbank <plburbank@kih.net>
To: flesnick@tbaytel.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92834] Re: Nabbed Fox at 03:26z
Message-ID: <5.0.2.1.0.20010227233005.00a87930@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:29 PM 2/27/2001 -0500, Fred Lesnick wrote:
> Well grabbed the Fox tonight, sounds like the band is still
> busy....Bruce , this one was for you and the Raiders...
>
> Fred
> VE3FAL
Fred you Canada guys were really strong down here in the bluegrass (KY)
Bruce seems in good spirits.....it might be a good idea to withhold his
viagra for a few days:-)
73 to all
Pete NV4V

Date: Tue, 27 Feb 2001 23:58:28 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [92835] Wasn't QRP but.....
Message-ID: <99.11401463.27cddf74@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just finished eating a snack and listened to W1AW.
I went down the band a bit and called CQ several times running the 901 DM.
UR4IAF came back to me.
All was going well untill several other state side stations started calling
Serge (UR4IAF) right on frequency.
Little babies couldn't wait.
But we worked around them and I got a 569 on the 50 watts and Serge was
running 200 watts.
He came up to a 569 but the stations causing the QRM wouldn't stop.
We finished our 2 way and UR4IAF went QRT.
So you CW OP's out there who were creating the problem never got to work
Serge.
Show some respect on the bands.
I'll be on later (0500) an on as it looks like a good night for 40-Meter DX.
I love it.
My 50 watts ate up a KW station.
Bob
WA2HOQrp <tm>

Date: Wed, 28 Feb 2001 01:12:37 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu, gordonwayn@aol.com
Cc: gordonwayn@aol.com, QFOX@egroups.com
Subject: [92836] FOX - first log for N5IB (Feb 28 UTC)
Message-ID: <20010228.000935.4655.8.n5ib@juno.com>

OK here's the log, looks like the count of 96 (counting me) may hold up.
Didn't find any obvious dupes, but there may be a wishful thinking or two
in there. Let me know of any fixes needed, and many thanks to all of you.

Some stats by state: Pesky Texans-30, WI-7, CO-6, FL-6, OK-5, AZ-4, MN-4,
MO-4, LA-3, KY-3, AR-2, ALB-2, MI-2, ND-2, NY-2, OH-2, OR-2, TN-2, GA-1,
IA-1, IL-1, IN-1, ONT-1, SC-1, SD-1, VA-1

24 states, 2 provinces

The Mardis Gras Fox, N5IB
Feb 28, 2001 UTC

0200 KK5LD 559 TX DAN 5W

0201 K5AAR	559	OK	DON	5W	
0202 N1LN 599	TX	BRUCE		5W	
0203 WA50JE	559	TX	DANNY		5W
0204 N5TW 599	TX	TOM	5W		
0204 N5ET 559	TX	BOB	5W		
0205 K0EVZ	569	ND	DOC	5W	
0206 K5VUU	559	TX	ED	5W	
0207 KQ5U 559	TX	TERRY		5W	
0208 N5EN 559	TX	STEVE		5W	
0209 WA5REJ	559	TX	ALLEN		5W
0210 N1FN 559	CO	ET	5W		
0210 KD5CMN	559	TX	MIKE	5W	
0211 N0DSP	559	CO	TOM	5W	
0214 W9XU 559	WI	LON	5W		
0215 K5ZTY	559	TX	BILL	5W	
0216 N4ROA	559	VA	DAN	4W	
0216 K5JHP	559	TX	BILL	5W	
0218 N0UR 559	MN	JIM	5W		
0219 W0CH 559	MO	DAVE	5W		
0219 WA9TZE	559	WI	JIM	5W	
0220 K5DW 559	TX	DON	5W		
0221 W5YR 559	TX	GEORGE		5W	
0222 N5IW 579	TX	DAVE	5W		
0223 AC5JH	559	OK	TOM	5W	*****CAJUN
THUNDER*****					
0223 N2WW 559	CO	LARRY		5W	
0225 K5JS 569	LA	JOHN	2W		*****CAJUN
THUNDER*****					
0226 K5YU 559	TX	HARV	5W		
0227 K8CV 559	MI	WALT	5W		
0229 N5UW 559	OK	CLIF	5W		
0230 K5HKX	579	TX	PAUL	5W	
0231 KB9BVN	559	IN	BRIAN		5W
0232 W0PWE	559	IA	JERRY		5W
0233 K4QDI	559	SC	FRANK		5W
49th state for K-2 #1233					
0234 WS4S 559	TN	CONARD		5W	
0236 AF4PS	559	FL	MAC	4W	
0237 K4BB 559	KY	MIKE	5W		
0238 W2XN 559	FL	FRED	5W		
0239 NK9G 559	WI	RICK	5W		

hoorah! -

0241 WORSP 559 SD ADE 1W HOORAH!!! -
50th state for K-2 #1233!!

0241 W9XT 559 WI GARY 5W
0244 WB5XQ 559 AR BILL 5W
0247 K5DI 559 NM KARL 5W
0248 N1TP 559 FL TOM 5W
0249 NQ7X 559 AZ FLOYD 5W

0250 N8IE 559 OH DAN 5W
0251 N5JI 559 TX RICH 5W
0251 W5TB 559 TX DOC 5W
0252 AC5II 559 OK DON 5W
0255 K4FB 559 TX PAUL 5W

0256 KJ0C 559 MO JIM 5W
0256 W9HL 579 IL RANDY 5W
0258 K10J 559 TX OJ 5W
0259 W5USJ 559 TX CHUCK 3W
0300 AA7EQ 559 AZ BOB 5W

0303 K0PC 559 MN PAT 5W
0305 K4LKL 559 FL LARC 5W
0306 K0MP 559 CO BILL 5W
0306 K4TJD 559 GA TOM 5W
0308 WE9K 559 WI GLENN 5W

0309 KR5C 559 TX GEORGE 5W
0310 W0UFO 559 MN MERT 5W
0311 N9AW 559 WI JERRY 5W
0312 K5EOA 599 LA WAYNE 5W *****CAJUN
THUNDER*****
0313 W8SFF 559 MI STEVE 5W

0315 K500R 599 TX VIRGIL 5W
0316 AF4LQ 569 KY MIKE 5W
0317 W0JOE 559 MO JOE 5W
0319 AA0ZZ 599 MN CRAIG 5W
0320 W5PF 559 TX PAUL 5W

0321 K5LN 559 TX BILL 5W
0321 NK7M 559 AZ BOB 5W
0325 KI0II 559 CO RON 5W
0326 VE3FAL 559 ON FRED 5W
0327 K9IS 559 WI STEVE 5W

0329 K2Q0 599 NY MARK 5W
0330 VA6RF 559 AB EARL 5W

0332 WV9N 559 OH RANDY 5W
 0333 K7RE 559 AZ BRIAN 5W
 0335 N5WL 559 OK BART 5W

 0336 K9IUA 559 ND KEVIN 5W
 0338 K5AEM 559 TX JON 5W
 0340 WR50 559 TX DAVE 5W
 0342 KV2X 559 NY TOM 5W
 0344 K0FRP 579 CO AL 5W

 0345 W5SB 559 TX BILL 5W
 0346 N5TU 599 TX EARL 4W
 0347 K4BYF 559 FL JACK 5W
 0348 N4VM 559 TN BRYN 5W
 0352 VE6EX 559 AB DAN 5W

 0353 NV4V 559 KY PETE 5W
 0355 K7FD 559 OR JOHN 5W
 0357 KI0RB 559 OR VINCE 5W
 0358 NF0R 559 MO DAVE 5W
 0359 KD4FI 559 FL JACK 5W

 0000 N5IB FOX LA JIM 5W *****CAJUN
 THUNDER*****

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 01:36:35 -0500
 From: "George Heron N2APB" <n2apb@erols.com>
 To: "QRP-L" <qrp-l@lehigh.edu>, "NJQRP" <NJQRP@njqrp.org>
 Subject: [92837] PSK31 Beacon Kit - Photos
 Message-ID: <000701c0a150\$d34e3ef0\$bc59accf@ghlpt4>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Hi Folks -

We received many positive comments from our posting yesterday introducing
 the "PSK31 Audio Beacon" as this year's Atlanticon Kit. Thank you all for

the enthusiasm and support!

We now have photos of the kits prototype on the NJQRP PSK31 Beacon web page <http://www.njqrp.org/psk31beacon/psk31beacon.html> ... please explore these pics to learn more of this simple approach that gets a PC-less PSK31 signal on the air.

BTW, a bunch of people asked what "PIC" we used in the project ... well, it's actually a Scenix SX28AC microcontroller. It's instructions are indeed just like Microchip's PIC16xx series, but the Scenix runs at 50 MHz with one instruction per clock cycle ... about 40 times faster than a PIC!! This speed was essential in being able to construct the basic audio waveform, create a modulating envelope, perform Varicode lookup, and then do the PSK31 sequencing of phase reversals based on the data stream.

Some others also asked how "open" this project is. Well, as is customary with all NJQRP projects, this PSK31 Audio Beacon project is totally open. By tomorrow we'll have the web page completed with schematics, source code and parts layout information all available.

Again, the PSK31 Beacon Kit can be ordered from the NJQRP for \$15 (domestic) or \$18 (DX). See the web page for details.

And don't forget that the PSK31 Beacon is the basis for the Atlanticon QRP Forum's "building contest" on Saturday evening of that weekend (March 30-31). All attendees get a Beacon Kit and once constructed they'll be letting their beacons "sing" while NN1G and N2CX sit with DigiPan running on their laptops, copying all the beacons within earshot. Should be a blast! (And perhaps a headache if earplugs are not within reach. ;-)

72,

--George N2APB, n2apb@amsat.org
and Joe N2CX, n2cx@voicenet.com
for the NJQRP at <http://www.njqrp.org>
and Atlanticon QRP Forum at <http://www.njqrp.org/atlanticon/>
and the PSK31 Beacon web page at
<http://www.njqrp.org/psk31beacon/psk31beacon.html>

Date: Wed, 28 Feb 2001 13:43:48 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92838] Re: QRP Most Used Parts - one more time
Message-ID: <005101c0a153\$a1f02000\$60f992ca@donnysirait>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Dan,

You wrote:

> What I am really looking for...
> Several years ago on qrp-l there was a text file that listed all of the
most
> popular qrp parts for home brewing / building. Does anybody know where
that
> text file is or have a copy still? Has it been updated lately? It's been
at
> least five-six years ago... I nosed around on the web page but couldn't
find
> anything.

I think if it is posted then it will be at least in 2 place:

1. The QRP- L archive
2. The QRP- L CD rom

I don't really know whether there are such things but I know there are
several

postings by Paul Harden re. specs of several popular QRP components

Capacitors

Transistors

Diodes

There is also a posting by Glen VE3DNL about the toroids and it's properties
as a response to the first Norcal toroid kit.

I think I have to search my QRP- L CD rom archives

vy 72 de YB1BOD

Donny

Date: Wed, 28 Feb 2001 13:52:10 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92839] Help needed to repair my TS130 & tip top electronics
Message-ID: <005201c0a153\$a3bcf0c0\$60f992ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Freinds,

I think I have to address this first to our Canadian list members.

Tip top Electronics have the TC5070P IC I need to repair my kenwood ts130 but then they only accept international money orders. It is a lot of hassel to send money of that amount (US \$25) via money order and it could cost me the same amount. Tip top electronic would not accept my citibank Visa so again I am helpless again.

Can anybody suggest of what I can do, or probably any of this Canadian list member can help me to buy it locally, and send it to me, I'll be very glad to reimburse the costs.

The actuall price in Canada is \$ 18.81 (Can).

Thank you for reading and your help.

vy 73 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Wed, 28 Feb 2001 07:39:22
From: "Leon Heller" <leon_heller@hotmail.com>
To: phil@vaxxine.com, qrp-1@Lehigh.EDU
Subject: [92840] Re: SA602AN
Message-ID: <F152rPrvCW06hm8Ua8d0000074b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Can the SA602 be used as a direct replacement for the NE602 ??

They should be identical. The NE part was originally made by Signetics, who were taken over by Philips. Philips generally uses the SA prefix for their chips.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 28 Feb 2001 05:03:04 -0500
From: Joseph M Grib <ki3b@juno.com>
To: qrp-1@Lehigh.edu
Subject: [92841] Elecraft For Sale - Pristine
Message-ID: <20010228.050309.-16479705.0.ki3b@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Posting this for a buddy of mine, please respond directly to him.

72,

Joe KI3B

For sale - one pristine Elecraft K2, serial number 5xx, with SSB, noise and 160 modules. Incredibly well built and perfect. Just back from Elecraft service where they went through it inside and out.

Price \$900 firm.

Please e-mail radio@udel.edu

tnx and 72!

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 05:44:17 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: bcdlr@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92842] Re: QRP Most Used Parts - one more time
Message-ID: <3A9CD681.1DEEC447@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan,

I really don't think such a list would do you much good. You would be far better off to pick a project and build it. If you can buy a few extra resistors, capacitors, and other parts you will be well on your way to a parts collection. What good does it do to tell you that you should have 5 each toroids of the T-37-2, T-37-6, T-50-2 and T-50-6 variety on hand. You may never use them!

73

Date: Wed, 28 Feb 2001 05:47:05 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [92843] MFJ 58XX HF SWR Analyser
Message-ID: <Pine.LNX.4.31.0102280526460.852-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There are several models of these popular devices with a good Oscillator and counter that lets you KNOW what frequency your measuring at, provides the SWR relative to 50 ohms, and on many versions you can read the total impedance Z in ohms. Only the latest devices come right out and give you the series combination of a pure resistance and the reactive component both in ohms.

You need this $r + jx$ number to really understand what's going on. So when I ordered the on sale Vectronics VC-584B from Radio Shack I was disappointed. It doesn't have $r + jx$ displayed. But it does display the calulated value of SWR and in the Impedance Mode it shows a calulated Z.

It seemd as though this should be enough known to calculate the r

+jx quantity and it is. I found a relation between Z and SWR which included r and jx. Did a little factoring and came up with a way to calculate r given Z and SWR!

I wrote a C program that does this calculation and that makes it very easy to use. I used the math library to make it simple to write the source code. I will send both the Source code and the executable to anyone who would like it. Let me know if you want a dos or unix version. I compiled it using Linux but will do it in DOS too with the cross compiler.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 28 Feb 2001 08:05:38 -0500
From: "Brian" <bmurrey@amexol.net>
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92844] Re: QRP Frequency Calling?
Message-ID: <003301c0a187\$25f05c20\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard it too, last night about 449 or so in Central Indiana.

----- Original Message -----

From: <wb2vuo@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 27, 2001 9:12 PM
Subject: QRP Frequency Calling?

> I am sure others are hearing this:
>
> VVV DE QRP FREQ VVV VVV
>
> every minute on 7.0397
>
> It's 579 in the Depths of the Great Bergen Swamp here in western NY
>
> 72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
> President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
> Section

> My night light runs more power than my Rig!!!
> Replies - <mailto:wb2vuo@arrl.net>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: Wed, 28 Feb 2001 08:14:19 -0500
From: "Brian" <bmurrey@amexol.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92845] Re: QRP Most Used Parts - one more time
Message-ID: <008201c0a188\$5c3efd30\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce,

I'm building my junk box. It started out as a tupperware bowl and has turned into a fishing tackle box. I would love a listing of most frequently used toroids and transistors. If I'm browsing one of my QRP books (Notebook, Power, Classics, QQ's, QRPp, etc etc) and the urge hits me to build somethign I see, I need to feed that urge instantly. For some, half the fun is scrounging the parts, but I'm more impulsive. I need the parts here now....by the time I go to Radio Shack or a parts store, fight the mall, traffic, and all that....I'm out of the mood.

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 28, 2001 5:44 AM
Subject: Re: QRP Most Used Parts - one more time

> Dan,
>
> I really don't think such a list would do you much good. You would be
> far better off to pick a project and build it. If you can buy a few
> extra resistors, capacitors, and other parts you will be well on your
> way to a parts collection. What good does it do to tell you that you
> should have 5 each toroids of the T-37-2, T-37-6, T-50-2 and T-50-6

> variety on hand. You may never use them!
>
> 73
>

Date: Wed, 28 Feb 2001 09:12:03 -0400
From: "Dave Marling" <dbm@klis.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92846] Re: email to Bruce Rattray
Message-ID: <004901c0a188\$0b80d2b0\$ff2ffea9@master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you who are following Bruce's hospital stay, it is my understanding that he will be getting his e-mail in the hospital on a borrowed laptop until sometime today when they take his toys away.

Cards may be sent to his home address at:

Bruce Rattray
128 Durham Drive
Regina
Saskatchewan S4S 4Z2
Canada

73,
Dave
VE1VQ
Qrp-Canada co-list minder with Bruce

Date: Wed, 28 Feb 2001 08:23:34 -0600
From: Mark Janzer <mjanzer@wsbc.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [92847] Suggestions on learning Morse code
Message-ID: <01C0A15F.BE629270.mjanzer@wsbc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

>I need to learn the code-am a no code tech now. Any suggestions are

>appreciated!!

>Practice. Every day. There is no other way.

All excellent and encouraging advice on this particular thread.

I prop my MFJ 418 on the dash (over the tachometer) and listen while driving. A quick glance and I confirm whether I've "head" copied an elusive character correctly. I set it for the random, 5 letters per word, (which does make copying a QSO much easier), and the FCC character set.

This method, I used exclusively, over a month of commuting and it enabled me to pass the test a couple weeks ago (though not to my satisfaction, I incorrectly answered some of the multiple choice questions) for the Tech w/HF.

I still practice while commuting, it's sometimes better than listening to Unca Zed, K5ZTY (hi hi) on the NARS repeater.

I just need to find time to get the station up and running, between work, feeding the family, and helping the kids with homework.

Best Regards to all on this reflector and thanks,

Mark Janzer, K5MGJ

"No man in the wrong can stand up against a fellow that's in the right and keeps on a-comin"

Texas Ranger quote

Date: Wed, 28 Feb 2001 09:20:36 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <bcdlr@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92848] RE: QRP Most Used Parts - one more time
Message-ID: <GCECIJFJPOHMCKACOA0BAEFGCEAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Dan -- KB9JL0:

I think the list you are looking for was printed in the first issue of QRPP (Mar '94, pp.68-69). Tom Randolph, N100Q, went through the schematics in

Doug DeMaw's QRP Notebook and listed all the components used in the designs.

I hope this info helps.

Jake -- N4UY

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Dan Reynolds

Sent: Tuesday, February 27, 2001 10:43 PM

To: Low Power Amateur Radio Discussion

Subject: QRP Most Used Parts - one more time

What I am really looking for...

Several years ago on qrp-1 there was a text file that listed all of the most popular qrp parts for home brewing / building. Does anybody know where that text file is or have a copy still? Has it been updated lately? It's been at

least five-six years ago... I nosed around on the web page but couldn't find anything.

Dan Reynolds KB9JL0

Do You Yahoo!?

Get email at your own domain with Yahoo! Mail.

<http://personal.mail.yahoo.com/>

Date: Wed, 28 Feb 2001 09:23:22 -0500

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

To: <bcdlr@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92849] RE: QRP Most Used Parts - one more time

Message-ID: <GCECIJFJPOHMCKACOA0BIEFGCEAA.jakecart@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Don:

Correction -- it wasn't the first issue of QRPP -- it was the 1st issue of Volume II of QRPP. I did get the date correct -- March 1994 pp.68-69.

73,

Jake -- N4UY

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Dan Reynolds
Sent: Tuesday, February 27, 2001 10:43 PM
To: Low Power Amateur Radio Discussion
Subject: QRP Most Used Parts - one more time

What I am really looking for...

Several years ago on qrp-l there was a text file that listed all of the most popular qrp parts for home brewing / building. Does anybody know where that text file is or have a copy still? Has it been updated lately? It's been at least five-six years ago... I nosed around on the web page but couldn't find anything.

Dan Reynolds KB9JLO

Do You Yahoo!?

Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Wed, 28 Feb 2001 07:22:44 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [92850] FYBO Logs
Message-ID: <009f01c0a191\$eb77ca00\$44117d3f@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The logs are still rolling in, and the deadline is approaching (March 4). Actually, since the 4th is on a Sunday, I'll accept logs that arrive in Monday's mail (March 5th), and any latecomers will be used a check logs.

You can e-mail them to me as text logs or as an attachment to an email (nk7m@extremezone.com), or snail mail them to me at 1905 N. Pennington Dr, Chandler, AZ 85224.

Don't believe the snail mail will do it, at this point, tho.

Thanks,
Bob NK7M

Date: Wed, 28 Feb 2001 09:59:47 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [92851] Re: QRP Most Used Parts - one more time
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D36@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Maybe what you want is a short list of quick prototyping parts--parts that may not be optimum, but can offer "acceptable" performance in most applications.--Zack W1VT

Date: Wed, 28 Feb 2001 10:08:19 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: bcdlr@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [92852] Re: QRP Most Used Parts - one more time
Message-ID: <v03102805b6c2b718e292@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Dan,

One good opportunity to add to your parts puddle is the Norcal Toroid Kit that Doug Hendricks announced last week. For \$34 including shipping, you can't beat it. I've bought every one of the parts kits Norcal has offered, the resistor kit, the capacitor kit and this is my second toroid kit. The quality of the parts has been excellent. I also bought one of Dan's Small Parts fixed inductor assortment and I've got pretty much all I need in non-semiconductor parts.

You might want to also purchase 10 each 2N2222, 2N4401, 2N3904, and 2N3906 transistors which shouldn't be more than \$.10 each. Pick up a few J309, J310, and 2N3819 FETs. Add to that some common linear ICs, LM380 for audio, NE602 or equivalent for mixers, some 741 op amps, some 780X and

78L0X voltage regulators, maybe some 1N400X family diodes and you can build most anything you want and even have some change left over from a \$100 bill for the whole batch.

I've probably left out some other common parts that someone on the list can fill in.

Dan's web site:

<http://www.fix.net/~jparker/dans.html>

Norcal's web site:

<http://www.fix.net/~jparker/norcal.html>

I highly recommend Dan's Small Parts for good prices and good service on qrp/homebrewing parts and the same goes for the Norcal parts kits. Usual disclaimers apply, I'm just a satisfied Norcal and Dan's customer.

72,

Rick kf4ar

Date: Wed, 28 Feb 2001 10:05:16 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Brian <bmurrey@amexol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92853] Re: QRP Most Used Parts - one more time
Message-ID: <3A9D13AC.26B18566@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian

I understand what you want to do. I don't recommend it because it will result in half finished projects cluttering up your junk box. Also the parts are not easily recycled!

However, toroids come in three varieties used for coils and filters and two varieties used for RF Chokes. The difference is frequency response. Iron powder cores are found in many mixes but the most popular are the -2 mix, good up to about 10 mHz, the -6 mix good from 10 to 100 mHz, and the -7 mix, good from about 3 to 30 mHz. These numbers

are approximate. Check them out at the Amidon site.

The ferrite cores most commonly used are the -43 and the -73 (?). the difference here is in the permeability. You can use them to wind RF Chokes.

You ought to have an assortment of resistors and capacitors. Mouser sell some that will work, so does Radio Shack. Buy some common values of bypassss capacitors and small electrolytics. Buy a couple of tuning capacitors.

Personally I would buy semiconductor devices as they are needed. There is nothing so useless as 10 2N3906's when you want a 2N3904!

Other stuff you will buy as you need it!

73

Date: Wed, 28 Feb 2001 10:31:05 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92854] FP Truffle tomorrow!
Message-ID: <3A9D19B9.64100CDC@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

It's my turn to be the Flying Pig Truffle tomorrow, 3/1/2001. Start time will be 2030 Eastern time. Exchange is RST SPC NAME PWR/NR (power or FP number). I'm FP #196, so my exchange to you will be: YOURCALL 55N VT JOHN NR 196 YOURCALL BK - anyone can join in, just send your power if you have no FP number.

Freq is 7.041+- QRM - I will quit at 2059 or earlier to avoid QRM'ing the foxhunt. Please keep your speed in the low 20wpm range. I'll be running 5w from my K-1. I'll start by listening up and work down to my operating freq if there is no pileup (last time it wasn't too bad).

Tune up, tune in and have a Truffle before the Fox hunt. Hope to hear ya! 73,

John, KB1ENS
Holland, VT
--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Wed, 28 Feb 2001 09:37:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92855] Re: Nabbed Fox at 03:26z
Message-ID: <Pine.LNX.3.95.1010228093621.16579C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OH NO, not the viagra!.....hi hi hi....give an old guy a chance
eh!?!...I'll be off the e-mail as of this morning but I'll be back not too
long after the surgery which takes place this Friday....take care
everyone!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Tue, 27 Feb 2001, Pete Burbank wrote:

> At 10:29 PM 2/27/2001 -0500, Fred Lesnick wrote:
> > Well grabbed the Fox tonight, sounds like the band is still
> > busy....Bruce , this one was for you and the Raiders...
> >
> > Fred
> > VE3FAL
> Fred you Canada guys were really strong down here in the bluegrass (KY)
> Bruce seems in good spirits.....it might be a good idea to withhold his
> viagra for a few days:-)
> 73 to all
> Pete NV4V
>

Date: Wed, 28 Feb 2001 10:50:44 -0500
From: Thomas Jennings <jennings@shell1.eznet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92856] Fox: Got my pelt...
Message-ID: <20010228105044.A11305@shell1.eznet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

Jim and Hounds

Got my pelt tonight. Thank you!!

The fox was a whisper here in WNY. I had very hard time copying him and almost gave up.

73,

Tom kv2x

Date: Wed, 28 Feb 2001 10:17:03 -0500

From: Pete Burbank <plburbank@kih.net>

To: dsirait@centrin.net.id, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92857] Re: Help needed to repair my TS130 & tip top electronics

Message-ID: <5.0.2.1.0.20010228095306.00a78d80@KIH.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:52 PM 2/28/2001 +0700, Donny Sirait wrote:

>Dear Freinds,

>

>I think I have to address this first to our Canadian list members.

>

>Tip top Electronics have the TC5070P IC I need to repair my

>kenwood ts130

etc

>.

>

>vy 73 de YB1B0D

>Donny Sirait

>Bekasi Indonesia

I don't understand why there isn't an outlet for parts near where they are put together. I got involved in a similar situation hunting down an IC for my brothers ICOM and sending it to him in Malaysia .

This all reminds me of an incident that happened while I was working in medical R+D.....we ordered a couple of special valves from Sweden and it turned out they were made in Cincy, Ohio.....about 90 miles away.

73 Pete NV4V

Date: Wed, 28 Feb 2001 10:24:36 -0500
From: Pete Burbank <plburbank@kih.net>
To: wb5qyt@abq.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92858] Re: no id?
Message-ID: <5.0.2.1.0.20010228102006.00a7ad00@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:07 PM 2/27/2001 -0700, T.W. wrote:

>Gang,
>
>A few minutes before fox hunting time, I also hear VVV de QRP FREQ., sent
>several times. The guy would never id either.....He was 579 into NM.
>
>Heard the fox, but no pelt for me.
>
>72, Tom WB5QYT..."Have spud will travel!"

He got in the middle of the hunt too. I could not figure out what the idiot
was accomplishing other than QRM.
73 Pete NV4V

Date: Wed, 28 Feb 2001 10:16:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [92859] thanks a million everyone!
Message-ID: <Pine.LNX.3.95.1010228100905.16579P-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK folks.....I'm shutting the e-mail down....I can't thank you all enough
for the PILEUP of "good wishes" messages regarding my surgery coming this
Friday morning....your support and your prayers are VERY important to me
and I thank you all for it....and yes, Doug, when they say take 10
steps, I'll tell them that Doug says to take 12 steps!...HI HI
HI...you're a great bunch of people and I couldn't find any better
anywhere....probably the earliest you'll hear from me will be next week
some time....oh dear, that brunette nurse is going to have to shave me
again, in fact 3 times, she'll have to do it to me tomorrow.... ;-))))))
I'll just have to grin and "bare" it eh?!?!?...until next week, I remain
hambly, the scribe and your good friend.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Wed, 28 Feb 2001 11:19:09 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Mark Clayton" <hamsat1@swbell.net>, "Win Dooley" <wb5kom@amsat.org>, "Wayne Spencer" <imoway@juno.com>, "Wayne Johnson" <wb5ofn@aol.com>,
"Tom Ransom" <tgransom@valuelinx.net>, "Tom House" <thouse@ipa.net>, "Thomas Raymond" <W5JM@aol.com>, "Steve Lowrey" <snlowrey@alltel.net>,
Subject: [92860] Fw: Mug Shot
Message-ID: <00f301c0a1aa\$97332e80\$0d9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang HI,
If your around the Central Arkansas area this weekend you may want to go to one of the best Hamfests around these parts. It is also a stronghold of some great QRPers on this list like Nick Kennedy, Dennis Schaefer, etc. A friend of mine sent this link to me and was shocked to see a picture of me at the bottom of the page. This is from last year's hamfest. I don't look all that great, but the rigs sure look cool. I took all the covers off the rigs for people to have a look and see. I don't remember how they got that shot because the table was crowded all morning long. The Russellvillile guys just can't be beat!! Hope to cu you there if my Boss "The Judge" will let me off of call for a little while :-)

73 de w5jay..

> Jay, have you seen your picture at this sight???
> www.cswnet.com/~arvarf/hamfest.htm
>
>

Date: Wed, 28 Feb 2001 10:01:07 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [92861] W5JAYBOB pics
Message-ID: <01c0a1b0\$6d649c00\$330b0d0a@dhendricks>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, guys, I went to the site and checked out the pic of JayBob. He looks good in that one. I see a K2, Dave Benson DSW20 I believe, Tuna Tin 2, Red Hot 20 and maybe a 49er in an Altoids tin. What other rigs do you guys recognize? JayBob looks lonely in that picture, but that really is him. Nick and the boys down at Russleville are a class act and I am sure that the hamfest is a fun one to attend. If you are anywhere close, drive over and check it out, and if you see Nick, tell him that we are waiting anxiously to see his 2N2 rig at Arkiecon. 72, Doug

Date: Wed, 28 Feb 2001 10:06:35 -0800
From: Paul Maciel <pmaciel@inow.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92862] OT: Laptop Repair?
Message-ID: <3A9D3E2B.1E1ED76@inow.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

I have a Dell Latitude LM that the video for the LCD screen has developed severe problems - all I get is a scrambled screen. If I hook it up to an external monitor it works fine but I sure don't want to be lugging around a monitor with the machine when I need to operate PSK or log in the field.

Anyone know of a good laptop repair service? Dell has told me to buy a new one as they feel the repair cost will be very high!

Thanks for all your help.

72,
---Paul AK1P

Date: Wed, 28 Feb 2001 10:24:59 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [92863] QRP Parts & A Junk Box
Message-ID: <01c0a1b3\$c238e3a0\$330b0d0a@dhendricks>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, the reason that we did the parts kits from NorCal, the resistors, the caps (twice) and now the toroids (twice) is simple. I got tired of seeing a circuit or a mod that I wanted to try and then having to wait for the parts to get here to try it. By the time they arrived, lots of times I was out of the mood, and those parts are still in a bag somewhere in my room. Talk about wasted resources. But by having a selection of resistors, caps and toroids, you are ready to tackle that mod or simple circuit. And, if you have my luck with kits, you will use them on almost everyone. The last kit I built was the K1, there were 4 or 5 caps that were not drop in fits, I simply went to the NorCal Cap kit and found a replacement (NPO, exact value) with the proper lead spacing, and dropped them in. That way I did not have to worry about cracking the capacitor when I bent the leads or when I installed it. Other kits have been missing a resistor, or there is a mod that calls for a toroid and a cap. It is so neat to be able to go the parts cabinet and find the part on hand.

I always have 2N2222, 2N3904, 2N3906, J310, 2N7000 on hand. Plus, I have LM386, LM380, NE5532, 78L05, 78L06, 78L08, 78L09, NE602's (by the way you can get them for \$2.75 each from Bob Berlyn at HB Electronics. Go to the NorCal web page and click the suppliers link).

I can't tell you how many times I have used parts from the junk box. I cannot think of not having one. So my vote goes to build that junk box, you will be glad that you did.

72, Doug, KI6DS

Date: Wed, 28 Feb 2001 10:25:08 -0800
From: <schoon@amgt.com>
To: <qrp-1@Lehigh.EDU>, <pmaciel@inow.com>
Subject: [92864] RE: Laptop Repair?
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BDC-010228182508Z-280@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There's a good chance you might be able to do this yourself. The scrambled LCD problem happens to almost all laptops sometime during their life. What causes it is the thin connector cable that goes inside

the hinge between the LCD and the case tends to work loose, or gets fatigued to the point of breaking the fine wires. If the problem is the former, then usually opening the case and reinserting the connector on the motherboard will fix the problem. If the cable happens to be broken, then you might be able to repair it. Just depends.....

.mark

>-----

>From: Paul Maciel[SMTP:pmaciel@inow.com]
>Sent: Wednesday, February 28, 2001 10:06 AM
>To: Low Power Amateur Radio Discussion
>Subject: OT: Laptop Repair?

>

>Hello all,

>

>I have a Dell Latitude LM that the video for the LCD screen has
>developed severe problems - all I get is a scrambled screen. If I hook
>it up to an external monitor it works fine but I sure don't want to be
>lugging around a monitor with the machine when I need to operate PSK or
>log in the field.

>

>Anyone know of a good laptop repair service? Dell has told me to buy a
>new one as they feel the repair cost will be very high!

>

>Thanks for all your help.

>

>72,

>---Paul AK1P

>

Date: Tue, 27 Feb 2001 22:12:04 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92865] Re: RF burns function of where you grabbed!
Message-ID: <000501c0a1b6\$57b6ee20\$5fc6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

These stories get my memory working..... way back when, like in the early 50's, one of the things we always did was to draw an arc off the final tank coil using a wooden pencil.

Have done that with rigs running up to about 800 VDC on the plates (and on the tank coil not to mention the RF).

But it only takes once to learn to check the pencil very close to make sure it's not split open a little and to keep your fingers off the metal band that holds the eraser!

However the worst RF burn I got was from the anode connection from the TV picture tube.....it seems that every time you had one disconnected and laying on the bench you would reach over it and WHAM!!!

Ahhhhhhh to be invincible again!

OK, back in my hole.....

cul, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

A Proud AZScQRPion

If guns cause crime then pencils cause misspelled words.

Date: Wed, 28 Feb 2001 10:52:36 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92866] ARRL DX CW LOG (milliwatts)
Message-ID: <20010228185236.10231.qmail@web10007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just uploaded my logs to a new webpage for you to see.
Later today, I'll submit my logs to ARRL.

Am I dreaming, or were there more QRP stns this year than ever?

After seeing the Jim Janack N2JJ post the other day here on QRP-L I copied his idea of proudly posting these logs!

See Jim's logs at <http://home.netcom.com/~n2jj>

See my logs at <http://www.madisoncounty.net/~kj5tf/>
look for the link to 2001 ARRL DX CW LOG.

Have a look around while your there. As spring

approaches, warm up reading about my Slate Gap island
QRPP expeditions.
And if you dont have "REDUCER", or "GWBASIC", you can
download those from my Downloads page. Reducer will
help you design shortened dipoles, or a shortened
vertical antenna.

72's de Jim KJ5TF
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Wed, 28 Feb 2001 10:58:30 -0800
From: Mighty Mik <mightymik2@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92867] Re: QRP Most Used Parts - one more time
Message-ID: <5.0.0.25.0.20010228105349.00a04750@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:08 AM 2/28/01 -0500, you wrote:

>You might want to also purchase 10 each 2N2222, 2N4401, 2N3904, and 2N3906
>transistors which shouldn't be more that \$.10 each. Pick up a few J309,
>J310, and 2N3819 FETs. Add to that some common linear ICs, LM380 for
>audio, NE602 or equivalent for mixers, some 741 op amps, some 780X and
>78L0X voltage regulators, maybe some 1N400X family diodes and you can
>build most anything you want and even have some change left over from a
>\$100 bill for the whole batch.

I would add some 2N5179s...good to 2GHz or so. I'd also get some 1N914 (?)
signal diodes as well.

Date: Wed, 28 Feb 2001 14:22:13 -0500
From: "Brian" <bmmurray@amexol.net>
To: "pigs" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [92868] Some part recommendations for your junk box
Message-ID: <006701c0a1bb\$c1d2d530\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some Recommended Parts for your QRP Junkbox
=====

Based on input received from many expert sources, I have compiled a general list of what the kit builder, experimenter, or creative genius might wish to have in stock and on hand.

Resistors:

About 10-25 each of 100, 1K, 10K, 100K, 1Meg, 4.7, 470, 47K, 51, 36, 150, 220

mainly in 1/4 watt. Trimmer pots, they always come in handy. The spare 50K-100K variable pot (one turn or otherwise) is also nice to have.

Capacitors:

About 10-25 each of .1 uF Ceramic Disc(For RF Decoupling), and a few .01 uF and a few .001 uF - I guess NPO's are better (black strip across top of disc)

Small air variables are getting tough to find, anything 4pF-20pF should be grabbed whenever possible. These are great in VFO circuits.

Broadcast Air Variables (365pF and up) are a lot more plentiful. Suggested that you stock at least one.

Trimmers, can always use trimmers.

Toroids:

FT37-43, FT50-43, T37-2, T50-2, T37-6, T50-6 (5 of each will get you by for a while.)

Transistors/IC's:

25 or so 2N2222's (I prefer metal cans), or 2N3904, 2N3906 or 2N3866.

Get 10-15 MPF102's, some 1-2 watt RF Transistors - 2N3866, 2SC799, 2N3553, 2N5320 (Pick out 2 types and buy 2 each - Most liked the 2N3866, 2SC799) Pick up a few J309, J310, and 2N3819 FETs.

Add to that some common linear ICs, LM380 for audio, NE602 or equivalent for

mixers, some 741 op amps, some 780X and 78L0X voltage regulators, and some 1N400X family diodes.

For winding coils, you need # 24, # 26, # 28 AWG enamel magnet wire as a bare minimum. You can buy 1/4 pound spools from stores like Radio shack.

For power supplies you can always use a few LM317T adjustable voltage regulators.

See <http://www.qrp.pops.net/workshop.htm> for more ideas.

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Wed, 28 Feb 2001 14:27:35 -0500
From: "Bill Acito" <w1pa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [92869] OT: ATAS-100 and Screwdrivers used as base antennas
Message-ID: <F213cqnWwAeRaNgEpTX0000112d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Looking for any practical experience on:

- 1) the Yaesu ATAS-100 versus other screwdriver antennas (performance)
- 2) anyone using a screwdriver as a home antenna (and what you are using for a ground plane), either QRP or QRO.

Please respond to me directly, not to the list.

Bill
W1PA

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 28 Feb 2001 14:38:38 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [92870] more RF hazard stuff
Message-ID: <5.0.2.1.0.20010228140503.00a6ad50@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ron and gang,
I had been thinking about the pencil arcing thing but didn't post it but now that Ron has opened the subject I can't resist.
My first job in electronics was in a shop run by Jim WOCRY(SK) who was an ex Navy RMC. He said that he was an instructor at the Radio School in WWII near Sioux Falls,SD. One day he was checking the big rack mounted transmitter when a new Ltjg showed up as the new CO and began following him around. Jim opened the back of the big rack, put his left hand in his pocket, and drew a nice arc off the plate cap of the output tube . The next day the trainees were there and the green Ltjg puffed himself up, went to the back of the big rack and said "Group around men!" He then proceeded to open the big rack door and held it open with his left hand while demonstrating the pencil arc thing with his right. Jim said that it threw him about 12 feet.
He lived but with some loss of credibility. I doubt that this was the first time someone learned to keep one hand in their pocket. HI! :-)
73 to all
Pete NV4V

Date: Wed, 28 Feb 2001 13:43:19 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <ki6ds@dph.dpol.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [92871] Re: W5JAYBOB pics
Message-ID: <000d01c0a1be\$b48d6f40\$0d9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Homebrew rigs were Nick's. All the rest were mine and the Benson rig was a DSW-30. You got the rest right Doug.
73 de jay..

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 28, 2001 12:01 PM
Subject: W5JAYBOB pics

> Hey, guys, I went to the site and checked out the pic of JayBob. He looks
> good in that one. I see a K2, Dave Benson DSW20 I believe, Tuna Tin 2,
Red
> Hot 20 and maybe a 49er in an Altoids tin. What other rigs do you guys
> recognize? JayBob looks lonely in that picture, but that really is him.
> Nick and the boys down at Russleville are a class act and I am sure that
the
> hamfest is a fun one to attend. If you are anywhere close, drive over and
> check it out, and if you see Nick, tell him that we are waiting anxiously
to
> see his 2N2 rig at Arkiecon. 72, Doug
>
>

Date: Wed, 28 Feb 2001 14:24:29 -0600
From: DONALD DORN <DDORN@CWIS.NET>
To: QRP-L@LEHIGH.EDU
Subject: [92872] MOBILE
Message-ID: <3A9D5E7D.ED96229C@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For the ultimate in mobile operation take a look at this guy. I don't
know the origin of this...hope it isn't stolen from somebody. A friend
sent it to me.

<http://www.geocities.com/k5aar/mobxx.jpg>

73,
Don K5AAR

Date: Wed, 28 Feb 2001 15:22:29 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
To: qrp-1@Lehigh.EDU

Subject: [92873] low-current audio amp
Message-ID: <01022815421402.14337@localhost.localdomain>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

For those interested in low-power receivers....
Was browsing Texas Instruments magazine called
TECHNOLOGY INNOVATIONS and came across
a new-fangled audio power amp, meant to drive
a speaker (mono).

TPA2000D1

>From a 5v DC power supply, it will deliver 2W to a
4 ohm speaker. This is a Class D amp, which means
that it is VERY efficient, converting DC power to audio
with efficiency up to 85%. A standard LM386 (along
with most other audio power chips) is Class AB and is
far less efficient.

It is touted as low-noise. Has a few gain
settings from 2 to 10. No huge electrolytic output
capacitor required, and very few other components
required.

On the down-side:

- only comes in 16 pin TSSOP (tiny) package
- floating speaker (neither side is ground)
- a bit expensive @ \$1.48 in thousands

Date: Wed, 28 Feb 2001 13:00:26 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92874] 2001 ARRL DX CW LOG (milliwatts) Up-date
Message-ID: <20010228210026.13937.qmail@web10006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

As with all things computer related, I have already
up-dated, and added on something usefull (I think) to
my website. <http://www.madisoncounty.net/~kj5tf/>

I added the link to the ARRL logging software I used
in the contest. Plus added some "local color" to the
logs. Makes it a little more readable?? Hi

Hope its usefull to someone.

72's de Jim KJ5TF

"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Wed, 28 Feb 2001 16:08:56 -0500
From: "Russ Hines" <radioruss@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92875] Re: low-current audio amp
Message-ID: <002b01c0a1ca\$ac3516c0\$742744d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You forgot "probably makes lots of distortion."

However, for those who like to listen to square waves, this may be the amp for you. ;-)

73,
Russ Hines
WB8ZCC
radioruss@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radioruss>

----- Original Message -----

From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 28, 2001 3:22 PM
Subject: low-current audio amp

> For those interested in low-power receivers....
> Was browsing Texas Instruments magazine called

> TECHNOLOGY INNOVATIONS and came across
> a new-fangled audio power amp, meant to drive
> a speaker (mono).
> TPA2000D1
> >From a 5v DC power supply, it will deliver 2W to a
> 4 ohm speaker. This is a Class D amp, which means
> that it is VERY efficient, converting DC power to audio
> with efficiency up to 85%. A standard LM386 (along
> with most other audio power chips) is Class AB and is
> far less efficient.
> It is touted as low-noise. Has a few gain
> settings from 2 to 10. No huge electrolytic output
> capacitor required, and very few other components
> required.
> On the down-side:
> -only comes in 16 pin TSSOP (tiny) package
> -floating speaker (neither side is ground)
> -a bit expensive @ \$1.48 in thousands

Date: Wed, 28 Feb 2001 15:13:10 -0600
From: Mark R Milburn <kq0i@juno.com>
To: qrp-1@lehigh.edu
Subject: [92876] Wanted...memory keyer
Message-ID: <20010228.151311.-348187.1.KQ0I@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252
Content-Transfer-Encoding: 7bit

Anybody got an extra electronic keyer? Would like to have a small number of memories, but nothing enormous. Just to make it a little easier in the events. Answer direct, no use filling up the reflector.

72 Mark, KQ0I

GET INTERNET ACCESS FROM JUNO!
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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 16:21:07 -0500
From: "Russ Hines" <radioruss@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92877] Re: low-current audio amp

Message-ID: <000901c0a1cc\$5df4d2a0\$742744d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Then again, I could be wrong.

>From the Texas Instruments website:

"The TPA2000D1 is a 2-W mono bridge-tied-load (BTL) class-D amplifier designed to drive a speaker with at least 4- impedance. The amplifier uses TI's third generation modulation technique, which results in improved efficiency and SNR. It also allows the device to be connected directly to the speaker without the use of the LC output filter commonly associated with class-D amplifiers (this will result in EMI which must be shielded at the system level). These features make the device ideal for use in devices where high-efficiency is needed to extend battery run time.

"The gain of the amplifier is controlled by two input terminals, GAIN1, and GAIN0. This allows the amplifier to be configured for a gain of 6, 12, 18, and 23.5 dB. The differential input terminals are high-impedance CMOS inputs, and can be used as summing nodes.

"The class-D BTL amplifier includes depop circuitry to reduce the amount of turnon pop at power up, and when cycling SHUTDOWN\ . The TPA2000D1 is available in the 16-pin TSSOP package (PW) which is capable of driving 2-W continuous output power level into a 4- load. TPA2000D1 operates over an ambient temperature range of -40 C to 85 C. "

Features include a THD+N of less than 0.2%.

73,
Russ Hines
WB8ZCC
radioruss@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radioruss>

----- Original Message -----

From: Russ Hines <radioruss@fuse.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 28, 2001 4:08 PM
Subject: Re: low-current audio amp

> You forgot "probably makes lots of distortion."

>
> However, for those who like to listen to square waves, this may be the amp
> for you. ;-)
>
> 73,
> Russ Hines
> WB8ZCC
> radioruss@fuse.net
> wb8zcc@arrl.net
> http://home.fuse.net/radioruss
>
> ----- Original Message -----
> From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Wednesday, February 28, 2001 3:22 PM
> Subject: low-current audio amp
>
>
> > For those interested in low-power receivers....
> > Was browsing Texas Instruments magazine called
> > TECHNOLOGY INNOVATIONS and came across
> > a new-fangled audio power amp, meant to drive
> > a speaker (mono).
> > TPA2000D1
> > >From a 5v DC power supply, it will deliver 2W to a
> > 4 ohm speaker. This is a Class D amp, which means
> > that it is VERY efficient, converting DC power to audio
> > with efficiency up to 85%. A standard LM386 (along
> > with most other audio power chips) is Class AB and is
> > far less efficient.
> > It is touted as low-noise. Has a few gain
> > settings from 2 to 10. No huge electrolytic output
> > capacitor required, and very few other components
> > required.
> > On the down-side:
> > -only comes in 16 pin TSSOP (tiny) package
> > -floating speaker (neither side is ground)
> > -a bit expensive @ \$1.48 in thousands
>
>

Date: Wed, 28 Feb 2001 15:22:22 -0600
From: "KD4W0V Tom Tishken" <kd4wov@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92878] RE: Suggestions on learning Morse code
Message-ID: <MABBJEMPFOFMPDAPJLNECIEODCOAA.kd4wov@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

can some one compile a list of these suggestions and put them on the website?

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Mark Janzer
Sent: Wednesday, February 28, 2001 8:24 AM
To: Low Power Amateur Radio Discussion
Subject: Suggestions on learning Morse code

>I need to learn the code-am a no code tech now. Any suggestions are
>appreciated!!

>Practice. Every day. There is no other way.

All excellent and encouraging advice on this particular thread.

I prop my MFJ 418 on the dash (over the tachometer) and listen while driving. A quick glance and I confirm whether I've "head" copied an elusive character correctly. I set it for the random, 5 letters per word, (which does make copying a QSO much easier), and the FCC character set.

This method, I used exclusively, over a month of commuting and it enabled me to pass the test a couple weeks ago (though not to my satisfaction, I incorrectly answered some of the multiple choice questions) for the Tech w/HF.

I still practice while commuting, it's sometimes better than listening to Unca Zed, K5ZTY (hi hi) on the NARS repeater.

I just need to find time to get the station up and running, between work, feeding the family, and helping the kids with homework.

Best Regards to all on this reflector and thanks,

Mark Janzer, K5MGJ

"No man in the wrong can stand up against a fellow that's in the right and keeps on a-comin"

Texas Ranger quote

Date: Wed, 28 Feb 2001 16:39:45 -0500
From: Pete Burbank <plburbank@kih.net>
To: radioruss@fuse.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92879] Re: low-current audio amp
Message-ID: <5.0.2.1.0.20010228163224.00a71630@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:21 PM 2/28/2001 -0500, Russ Hines wrote:
>Then again, I could be wrong.
I was just looking at the THD spec graph for the LM386 in the National
Linear book and between one and 2 watts the curve heads almost
straight up to the top of the graph at 10%....after that it's off the graph.
73 Pete NV4V

Date: Wed, 28 Feb 2001 16:42:05 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <radioruss@fuse.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [92880] RE: low-current audio amp
Message-ID: <000501c0a1cf\$4b007fc0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Russ:

I use the TPA005D02 here, which is the Class-D stereo BTL chip that's good
for 2 W per channel into 4-ohm loads. Man this little puppy blasts out
audio.

I use it on TI's SLOU001 "Plug-N-Play Audio Amplifier Evaluation Platform."
The eval board houses the chip plus a dc-to-dc converter that lets it run
from low voltage ac, 117 vac, dc, or battery power. The p/s uses TI's
TPS2817 MOSFET driver and Type TL5001, which is a pulse-width modulation
controller chip. The whole shebang is controlled by an on-board mixer module
called the SLOU009 that includes slider-type pots.

I'm presently in the process of using this eval board in my SSTV control system. It's amazing how much audio output you can get from these tiny ICs, and there's no apparent dissipation. Everything runs stone cold.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Russ Hines

Sent: Wednesday, February 28, 2001 4:21 PM

To: Low Power Amateur Radio Discussion

Subject: Re: low-current audio amp

Then again, I could be wrong.

>From the Texas Instruments website:

"The TPA2000D1 is a 2-W mono bridge-tied-load (BTL) class-D amplifier designed to drive a speaker with at least 4- impedance. The amplifier uses TI's third generation modulation technique, which results in improved efficiency and SNR. It also allows the device to be connected directly to the speaker without the use of the LC output filter commonly associated with class-D amplifiers (this will result in EMI which must be shielded at the system level). These features make the device ideal for use in devices where high-efficiency is needed to extend battery run time.

"The gain of the amplifier is controlled by two input terminals, GAIN1, and GAIN0. This allows the amplifier to be configured for a gain of 6, 12, 18, and 23.5 dB. The differential input terminals are high-impedance CMOS inputs, and can be used as summing nodes.

"The class-D BTL amplifier includes depop circuitry to reduce the amount of turnon pop at power up, and when cycling SHUTDOWN\ . The TPA2000D1 is available in the 16-pin TSSOP package (PW) which is capable of driving 2-W continuous output power level into a 4- load. TPA2000D1 operates over an ambient temperature range of -40 C to 85 C. "

Features include a THD+N of less than 0.2%.

73,

Russ Hines

WB8ZCC

radioruss@fuse.net

wb8zcc@arrl.net

<http://home.fuse.net/radioruss>

----- Original Message -----

From: Russ Hines <radioruss@fuse.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, February 28, 2001 4:08 PM

Subject: Re: low-current audio amp

> You forgot "probably makes lots of distortion."

>

> However, for those who like to listen to square waves, this may be the amp
> for you. ;-)

>

> 73,

> Russ Hines

> WB8ZCC

> radioruss@fuse.net

> wb8zcc@arrl.net

> <http://home.fuse.net/radioruss>

>

> ----- Original Message -----

> From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>

> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Sent: Wednesday, February 28, 2001 3:22 PM

> Subject: low-current audio amp

>

>

> > For those interested in low-power receivers....

> > Was browsing Texas Instruments magazine called

> > TECHNOLOGY INNOVATIONS and came across

> > a new-fangled audio power amp, meant to drive

> > a speaker (mono).

> > TPA2000D1

> > >From a 5v DC power supply, it will deliver 2W to a

> > 4 ohm speaker. This is a Class D amp, which means

> > that it is VERY efficient, converting DC power to audio

> > with efficiency up to 85%. A standard LM386 (along

> > with most other audio power chips) is Class AB and is

> > far less efficient.

> > It is touted as low-noise. Has a few gain

> > settings from 2 to 10. No huge electrolytic output

> > capacitor required, and very few other components

> > required.

> > On the down-side:

> > -only comes in 16 pin TSSOP (tiny) package

> > -floating speaker (neither side is ground)

> > -a bit expensive @ \$1.48 in thousands

>

>

Date: Wed, 28 Feb 2001 16:47:01 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92881] OT: Amateur Radio - Earthquake Seattle, WA
Message-ID: <GAECLOGOMILPLBGKKPEGKEKOEAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Everyone [Seattle area] ok with the earthquake that hit,
might be a QRP/ communication activity.

=====
Chuck Mabbott
AA8VS
42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>

Date: Wed, 28 Feb 2001 16:02:57 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: kq0i@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92882] Re: Wanted...memory keyer
Message-ID: <3.0.2.32.20010228160257.006b59a8@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mark,

If you'd like to build a kit check out the K-10 or even the PK-3...

I have both and the K-10 has more features and I think easier to use.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
RARA #3, NETXQRP <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 62, States - 25, DX - 16, 3W to HF9V (or W9INN Inv V)

Date: Wed, 28 Feb 2001 22:29:54
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [92883] Re: OT: Amateur Radio - Earthquake Seattle, WA
Message-ID: <F47KBqujsclWXSZ3Zs30000d133@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Major shaking in Vancouver B.C. at 1055 PST (1855 UTC).
There is a construction site next door and we thought at
first something had gone catastrophically wrong there.

No reports of damage here, but I've seen pictures of
buildings in Seattle (try <<http://www.cnn.com>>) that
didn't make it.

I've been in smaller earthquakes. This was the first
that had me thinking "Houston, we have a problem..."

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Wed, 28 Feb 2001 17:44:33 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: vintage@best.com
Cc: ku7y@qsl.net, qrp-1@Lehigh.EDU
Subject: [92884] Re: [92734] Re: 4Q2LID???
Message-ID: <200102282244.RAA10450@panix6.panix.com>

Date: Mon, 26 Feb 2001 16:07:20 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Content-Type: TEXT/PLAIN; charset=US-ASCII

This reminds me of a pileup I once heard. Everybody was calling 5U4GB!

Remember there are some 5U's currently on the air, so a 5U call can be
real. And some calls have been reported as pirates that later turned

out to be valid.

73, doug

Date: Wed, 28 Feb 2001 15:17:51 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92885] Miles per watt QRPp records listed by band
Message-ID: <20010228231751.76882.qmail@web10008.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Congratulations to Dan N4ROA and Diz W8DIZ for
knocking off my old 160M MPW record!

I had fun in our little competition, and I'm sure you
did too.
Now that you have your official QRP ARCI 1000MPW Award
in hand I will upgrade my webpage to reflect the
change.

OLD
1.8MHz #1708 KJ5TF 20mW W8JI QRO 536 26,800 CW 000129

NEW
1.8MHz #1799 W8DIZ 4mW N4ROA 100mW 202 50,500 CW
001221

Visit my webpage, listed below and click on Miles Per
Watt records.

72/3's de Jim KJ5TF
"All Milliwatts, All The Time"

=====
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.

<http://personal.mail.yahoo.com/>

Date: Wed, 28 Feb 2001 17:03:11 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92886] Parts Sources
Message-ID: <20010228.172714.14558.2.n4so@juno.com>

For parts sources, I have a file called "parts.txt"
if you still need electronic parts companies.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 12:15:14 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [92887] FS - Computer memory, MMX CPU, etc.
Message-ID: <5.0.2.1.2.20010228120209.00a6eec0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Not exactly QRP, but maybe someone on the list can use this stuff.

1. Two 72-pin memory boards, 32MB. Both boards for \$15 shipped in the US or Canada.
2. Two 72-pin memory boards, 16MB. Both boards for \$10 shipped in the US or Canada.
3. Four old-style 30 pin memory boards, probably 4MB. All four for \$5.00 shipped in the US or Canada.
4. 166MHZ Pentium MMX CPU with integral fan. \$20 shipped (US or Canada).

5. "Super VGA" board with CIRRUS logic and BIOS with 4MB memory. For PC interface bus, NOT PCI bus. Works great with Windows 3.1, but a little sluggish for Windows95/98/NT. DOS/Win3.1 drivers on 3.5-in. floppy disks, but later ones can probably be downloaded from the web. \$10 shipped (US or Canada).

You can have all of the above for \$50.

All of these items were working when removed from systems being upgraded.

72,
Larry W1HUE/7

End of QRP-L Digest 2112

